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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known	
Application Number	09/877,820
Filing Date	06-07-2001
First Named Inventor	Avinash Jain
Art Unit	2476
Examiner Name	LEE, ANDREW CHUNG CHEUNG

Sheet	1	of	8	Attorney Docket No: 010296
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²⁰¹⁰ (known)			
/ACL/	001	US4612637	09-16-1986	DAVIS; Christopher K. et al.	
	002	US4763322	08-09-1988	EIZENHOFER; Alfons	
	003	US4901307	02-13-1990	GILHOUSEN; Klein S. et al.	
	004	US5103459	04-07-1992	GILHOUSEN; Klein S. et al.	
	005	US5115429	05-19-1992	HLUCHYJ; Michael G. et al.	
	006	US5224120	06-29-1993	SCHILLING; Donald L.	
	007	US5267261	11-30-1993	BLAKENEY; li robert D. et al.	
	008	US5369637	11-29-1994	RICHARDSON; Andrew J. et al.	
	009	US5420851	05-30-1995	SESHADRI; Nambirajan et al.	
	010	US5442625	08-15-1995	GITLIN; Richard D. et al.	
	011	US5488609	01-30-1996	HLUCHYJ; Michael G. et al.	
	012	US5490136	02-06-1996	SERENO; Daniele et al.	
	013	US5504773	04-02-1996	PADOVANI; Roberto et al.	
	014	US5515379	05-07-1996	CRISLER; Kenneth J. et al.	
	015	US5537410	07-16-1996	LI; Kaiping	
	016	US5544196	08-06-1996	TIEDEMANN JR EDWARD G et al	
	017	US5566168	10-15-1996	DENT; Paul W.	
	018	US5594738	01-14-1997	CRISLER; Kenneth J. et al.	
/ACL/	019	US5596576	01-21-1997	MILITO; Rodolfo A.	

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/Andrew C. Lee/

DATE CONSIDERED 10/20/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional).
 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ‡ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).
 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. § Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16. ¶ If possible, Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Number-Kind Code ^{2(a)} (known)				
/ACL/	020	US5598417	01-28-1997	CRISLER; Kenneth J. et al.		
	021	US5615212	03-25-1997	RUSZCZYK; Chester A. et al.		
	022	US5619492	04-08-1997	PRESS; Harry B. et al.		
	023	US5625628	04-29-1997	HEATH; Robert G.		
	024	US5648955	07-15-1997	JENSEN; Ryan N. et al.		
	025	US5727033	03-10-1998	WEAVER; Carl FRANCIS. et al.		
	026	US5729534	03-17-1998	JOKINEN; Harri et al.		
	027	US5729542	03-17-1998	DUPONT; Pierre B.		
	028	US5734646	03-31-1998	I; Chih-lin et al.		
	029	US5737313	04-07-1998	KOLAROV; Aleksandar et al.		
	030	US5745520	04-28-1998	LOVE; Robert T. et al.		
	031	US5754541	05-19-1998	GLISIC; Savo et al.		
	032	US5754554	05-19-1998	NAKAHARA; Toru		
	033	US5784360	07-21-1998	I, Chih-lin et al.		
	034	US5805577	09-08-1998	JAIN; Raj et al.		
	035	US5812938	09-22-1998	GILHOUSEN; Klein S. et al.		
	036	US5825761	10-20-1998	TANAKA; Masahiko et al.		
	037	US5856971	01-05-1999	GITLIN; Richard DENNIS. et al.		
/ACL/	038	US5857147	01-05-1999	GARDNER; William R. et al.		

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 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *
 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 422 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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		Number-Kind Code ^{2(a)} (known)			
/ACL/	039	US5878098	03-02-1999	WANG; Michael M. et al.	
	040	US5909443	06-01-1999	FICHO; Aline et al.	
	041	US5933462	08-03-1999	VITERBI; Andrew J. et al.	
	042	US5933777	08-03-1999	RAHMAN; Mohamed ANISUR.	
	043	US5933787	08-03-1999	GILHOUSEN; Klein S. et al.	
	044	US5953338	09-14-1999	MA; Patrick S. et al.	
	045	US5978428	11-02-1999	HAYASHI; Hiroshi	
	046	US6002690	12-14-1999	TAKAYAMA; Shigeyuki et al.	
	047	US6021116	02-01-2000	CHIUSSI; Fabio MASSIMO. et al.	
	048	US6023622	02-08-2000	PLASCHKE; John et al.	
	049	US6055571	04-25-2000	FULP; Errin W. et al.	
	050	US6072784	06-06-2000	AGRAWAL; Prathima et al.	
	051	US6081721	06-27-2000	SUZUKI; Mitsuhiro et al.	
	052	US6097722	08-01-2000	GRAHAM; Gregory S. et al.	
	053	US6104933	08-15-2000	FRODIGH; Magnus et al.	
	054	US6108374	08-22-2000	BALACHANDRAN; Krishna et al.	
	055	US6118997	09-12-2000	KIM; Kyung SOO. et al.	
	056	US6128500	10-03-2000	RAGHAVAN; Subramanian et al.	
/ACL/	057	US6137789	10-24-2000	HONKASALO; Zhichun	

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2(a)} (known)			
/ACL/	058	US6192249	02-20-2001	PADOVANI, Roberto	
	059	US6226277	05-01-2001	CHUAH; Mooi CHOO.	
	060	US6240287	05-29-2001	CHENG; Terry SI-FONG et al.	
	061	US6266330	07-24-2001	JOKINEN; Harri et al.	
	062	US6278882	08-21-2001	CHOI; Yong SU.	
	063	US6317435	11-13-2001	TIEDEMANN, Jr. Edward G. et al.	
	064	US6324172	11-27-2001	PANKAJ RAJESH K.	
	065	US6324184	11-27-2001	HOU; Victor T. et al.	
	066	US6330232	12-11-2001	FAPOJUWO; Abraham OLATUNJI.	
	067	US6385449	05-07-2002	ERIKSSON; Erik H. et al.	
	068	US6404826	06-11-2002	SCHMIDL; Timothy M. et al.	
	069	US6426971	07-30-2002	WU; Qiang et al.	
	070	US6456850	09-24-2002	KIM; Kyoung et al.	
	071	US6519462	02-11-2003	LU; Ming et al.	
	072	US6564966	05-20-2003	KAIGA; Miho et al.	
	073	US6567420	05-20-2003	TIEDEMANN JR EDWARD G et al	
/ACL/	074	US6574211	06-03-2003	PADOVANI, Roberto et al.	
	075	US6597923	07-22-2003	VANGHI; Vieri et al.	
	076	US6639934	10-28-2003	ENGSTROM; Bo et al.	

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Supplement for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete If Known	
Application Number	09/877,820
Filing Date	06-07-2001
First Named Inventor	Avinash Jain
Art Unit	2476
Examiner Name	LEE, ANDREW CHUNG CHEUNG

Sheet	5	of	8	Attorney Docket No: 010296
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		Number-Kind Code ^{2(a)} (known)			
/ACL	077	US6665272	12-16-2003	PANKAJ RAJESH et al	
	078	US6721278	04-13-2004	RIMHAGEN; Thomas et al.	
	079	US6882841	04-19-2005	YOUN; Young SIK.	
	080	US6909880	06-21-2005	KOJIMA; Masahiko et al.	
	081	US6985739	01-10-2006	SPALING; Gerke et al.	
	082	US7027401	04-11-2006	OZEGOVIC; Julije	
	083	US7054391	05-30-2006	THESLING; William H.	
	084	US7072306	07-04-2006	BLESSENT LUCA.	
	085	US7215654	05-08-2007	TIEDEMANN EDWARD G JR et al	
	086	US7221653	05-22-2007	VANGHI; Vieri	
	087	US7292553	11-06-2007	TIEDEMANN; Edward g. JR. et al.	
	088	US20020119796	08-29-2002	VANGHI; Vieri	
	089	US20020154610	10-24-2002	TIEDEMANN; Edward g. JR. et al.	
	090	US20030126037	07-03-2003	BAE; Beom-sik et al.	
	091	US20060233110	10-19-2006	YANG; Yang. et al.	
	092	US20020077111	06-20-2002	SPALING; Gerke et al.	
	093	US20020141349	10-03-2002	KIM; Ki JUN. et al.	
/ACL	094	US20020173330	11-21-2002	KOJIMA; Masahiko et al.	

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Substitute for form 1442/PTO

**INFORMATION DISCLOSURE
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Application Number	09/877,820
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First Named Inventor	Avinash Jain
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Sheet	6	of	8	Attorney Docket No:	010296
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/ACL/	095	JP10155179A	06-09-1998	SONY CORP.		<input checked="" type="checkbox"/>
	096	WO0049824A1	08-24-2000	NOKIA NETWORKS OY [FI] et al.		<input type="checkbox"/>
	097	WO9824199A2	06-04-1998	NOKIA TELECOMMUNICATIONS OY [FI] et al.		<input type="checkbox"/>
	098	WO9917582A1	04-08-1999	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
	099	WO9945735A1	09-10-1999	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
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	101	EP0959582A1	11-24-1999	ASCOM TECH AG [CH]		<input type="checkbox"/>
	102	EP1077580A1	02-21-2001	LUCENT TECHNOLOGIES INC [US]		<input type="checkbox"/>
	103	EP1231807A2	08-14-2002	LG ELECTRONICS INC [KR]		<input type="checkbox"/>
	104	JP10154969A	06-09-1998	SONY CORP.		<input checked="" type="checkbox"/>
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	106	WO9401975A1	01-20-1994	MOTOROLA INC [US]		<input type="checkbox"/>
	107	WO9507578A1	03-16-1995	QUALCOMM INC [US]		<input type="checkbox"/>
	108	WO96010305	04-04-1996	NOKIA TELECOMMUNICATIONS OY [FI] et al.		<input type="checkbox"/>
	109	WO9637081A1	11-21-1996	ROKE MANOR RESEARCH [GB] et al.		<input type="checkbox"/>
/ACL/	110	WO9700565A1	01-03-1997	UNISYS CORP [US]		<input type="checkbox"/>

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use on as many sheets as necessary)</i>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: right; font-size: small;">Complete if Known</th> </tr> <tr> <td style="width: 40%;">Application Number</td> <td>09/877.820</td> </tr> <tr> <td>Filing Date</td> <td>06-07-2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Avinash Jain</td> </tr> <tr> <td>Art Unit</td> <td>2476</td> </tr> <tr> <td>Examiner Name</td> <td>LEE, ANDREW CHUNG CHEUNG</td> </tr> </table>		Complete if Known		Application Number	09/877.820	Filing Date	06-07-2001	First Named Inventor	Avinash Jain	Art Unit	2476	Examiner Name	LEE, ANDREW CHUNG CHEUNG
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		Country Code ³ Number* Kind Code ⁵ (if known)				
	111	WO97046044	12-04-1997	QUALCOMM INC [US]		<input type="checkbox"/>
	112	WO9909779A1	02-25-1999	QUALCOMM INC [US]		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ₂
<div style="font-size: 2em;">↓</div>	113	A. Sampath, et al., "Access Control of Data Integrated Voice/Data CDMA Systems: Benefit and Tradeoffs," IEEE Journal on Selected Areas in Communications, US, IEEE, Inc., New York, NY, (USA), Vol. 15, No. 8, 1 October 1997, pp. 1511-1526.			<input type="checkbox"/>
	114	CHUNG, ET AL "POWER ALLOCATION FOR MULTI-RATE MULTIUSER DETECTION IN WIDEBAND CDMA SYSTEMS" IEEE CONF. 50: 608-612 (SEPTEMBER 1999).			<input type="checkbox"/>
	115	Comer D. E. et al.: "A Rate-Based Congestion Avoidance and Control Scheme for Packet Switched Networks," Proceedings of the international Conference on Distributed Computing Systems, US, Los Alamitos, IEEE Comp. Soc. Press (1990), pp. 390 - 397.			<input type="checkbox"/>
	116	International Search Report - PCT/US2002/018135 - International Search Authority, European Patent Office, 09/24/2002 (010296).			<input type="checkbox"/>
	117	KIM et al, "Combined Power Control and Transmission Rate Selection in Cellular Networks" VTC-1999-IEEE VTS 50th Vol. 3, Conf. 50: 3/19/99			<input type="checkbox"/>
	118	LAL, ET AL. "DISTRIBUTED RESOURCE ALLOCATION FOR DS-CDMA-BASED MULTIMEDIA AD HOC WIRELESS LAN'S" IEEE J. ON SELECTED AREAS IN COMMUNICATIONS 17(5): 947-967 (MAY 1999).			<input type="checkbox"/>
<div style="font-size: 2em;">↓</div>	119	Y. Guo et al. "Capacity of Multi-Class Traffic CDMA System with Multiuser Receiver," Wireless Communications and Networking Conference, New Orleans, LA, USA, Sep. 21-24, 1999 (pp. 500-504).			<input type="checkbox"/>

EXAMINER SIGNATURE

/Andrew C. Lee/

DATE CONSIDERED

10/20/2010

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

	Complete if Known
Application Number	09/877,820
Filing Date	06-07-2001
First Named Inventor	Avinash Jain
Art Unit	2476
Examiner Name	LEE, ANDREW CHUNG CHEUNG

Sheet	8	of	8	Attorney Docket No: 010296
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CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

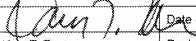
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- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature		Date (YYYY-MM-DD)	10/18/10
Name/Print	Kait T. Tam	Registration Number	35756

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